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MINUTES FROM ORLANDO PARTNERING TEAM MEETING ON 20 JANUARY 1999 NTC
ORLANDO FL
1/20/1999
NAVFAC SOUTHERN

**ORLANDO PARTNERING TEAM
MEETING MINUTES
ORLANDO, FL
20-21 JANUARY 1999**

03.04.00.0030

00148

Team Leader - Bob Cohose
Recorder - David Grabka

Gate Keeper/Timekeeper - Wayne Hansel
Facilitator - Steve Goldfarb

ATTENDEES:

OPT MEMBERS:

Al Aikens
Rick Allen
Bob Cohose
David Grabka
Wayne Hansel
Steve McCoy
Nancy Rodriguez
Gary Whipple

SUPPORT MEMBERS:

Barbara Nwokike (SDIV)
John Kaiser Tier II

GUESTS:

Mark Salvetti (HLA)
(teleconference)

Handouts Discussed At the Meeting

1. Open OPT *ACTION ITEMS* (Updated January 1999)
2. UST/IR Update and Status (January 1999, 4 pages)
3. Draft Developer Transition Manual (January 18, 1999) from TetraTech
4. BRAC Environmental Site Screening Report, Interim Remedial Action, Study Area 52 (January 1999)
5. BRAC Environmental Site Screening Report, Study Area 55 (January 1999)
6. Work Plans for Interim Remedial Actions at Study Areas 17, 35, 39/40 (January 20, 1999)
7. Preliminary Remedy Selection, Operable Unit 3 Feasibility Study, HLA (January 20, 1999)
8. Restoration Advisory Board Packet

January 20, 1999

Check-In, Action Item Review

Bob Cohose opened the meeting at 1:00 pm with all OPT Members and SUPPORT listed above in attendance. Ground Rules were reviewed after sharing personal updates. The following *ACTION ITEMS* were reviewed. Carry over items are listed on the Action Item Summary attached.

1. *ACTION ITEM:* Gary W. to get letter out re tanks (Aug 10 HLA letter), locate wells (SA 39) Status: *Parking lot.*
2. *ACTION ITEM:* Gary W. to contact City to dispose of excavated contaminated soil at 2273. Status: *Waiting on decision of whether any soil removals are going to be necessary. Ongoing.*
3. *ACTION ITEM:* Bldg. 2040. HLA to have results of soil sampling at Bldg 2040 before next meeting. Status: *Done. FDEP review letter has gone out. NFA for soils, but free product has not been addressed.*
4. *ACTION ITEM:* NTC Public Works to look for the availability of a suitable compressor at NTC for biosparging at 7174. Status: *Ongoing.*
5. *ACTION ITEM:* Dave to discuss the need to include a down gradient monitoring well at SA 3 with FDEP management. Status: *Done. Discussed at December 1998 OPT meeting. Team will abide previous partnering decision.*
6. *ACTION ITEM:* Team to review OU 4 RI Report. Status: *EPA comments have been sent out and received. Waiting on comments from FDEP.*

7. *ACTION ITEM:* Bob working with Navy and HLA to add to the sampling program microbiological analysis and additional chemical analysis of the groundwater to better characterize operational conditions at OU 4. Status: *Done.*
8. *ACTION ITEM:* Dave to determine if able to travel to Oak Ridge for the April 1999 meeting. Status: *Done.*
9. *ACTION ITEM:* Build 7182 SAR, FDEP to provide comments to HLA. Status: *Ongoing.*
10. *ACTION ITEM:* Barbara to obtain firm DET mobilization timing to coordinate remedial activities at soil removal sites and McCoy Annex Landfill. Status: *Closed.*
11. *ACTION ITEM:* OU 4 FDEP to provide comments to HLA on RI and Natural Attenuation Tech Memo. Status: *Comments on NA Tech Memo have been given to team. OU 4 RI letter waiting on corrections to the FDEP's contracted risk assessors comments. OU 4 FS will be sent out next week.*
12. *ACTION ITEM:* SA 17 FDEP to provide comments to Draft Final of the Environmental Site Screening Report. Status: *Open. Review has been completed, but comments have not gone out.*
13. *ACTION ITEM:* HLA to send FDEP a request for variance for use of potassium permanganate (KMnO₄) Status: *Open. Request has not been sent. Team discussed EPCRA issue relating to storage of the potassium permanganate.*
14. *ACTION ITEM:* Wayne H. to contact Mark Ady of SFWMD to review OU 2 scope of work. Status: *Done.*
15. *ACTION ITEM:* TetraTech to send documentation to BEI of McCoy wetlands delineation. Status: *98% done.*
16. *ACTION ITEM:* Study Area 55 HLA to revise Conclusions section restriction from "industrial" to "non-residential. Status: *Done.*
17. *ACTION ITEM:* Gary to contact Army Reserve to discuss what would need to be done if the Army has to manage the property as restricted. Status: *Local Army unit is not concerned. Gary to contact Birmingham headquarters (81st ARCOM) planners to see if they got the report, if they understand the implications and to find out their concerns.*
18. *ACTION ITEM:* David to discuss with Tim Bahr, FDEP management, what controls are required in light of the Cecil Field situation. Status: *Done.*
19. *ACTION ITEM:* HLA to add statement to SA 17 report in the Conclusions and Recommendations Section 5.0: SA 17 will require additional site assessment of volatiles in ground-water. The report addresses potential IRA for soils but does not address groundwater. Status: *Done.*

UST, IR, Transfer, and Tier II Updates

1) UST/IR: See handout, *UST Update and Status, January 1998*. Highlights are as follows:

Rick Allen went over updates of UST and IR sites.

Building 109 still has four tanks that need to be closed out. Close out date for the site is March 31, 1999. Tanks will need to be properly abandoned afterwards. Previous study has not shown the site to be contaminated.

ACTION ITEM: Gary/HLA to find if temporary well that had free product still exists at Bldg 2040 and if there is free product in it.

ACTION ITEM: Gary to contact 81st ARCOM planners to ask them if they received report on SA 54, if they understand implications of the report and find out if they have any concerns that need addressing.

ACTION ITEM: Dave to inquire as to DEP philosophy/policy concerning PAHs from forest fires.

2) Transfer: Not much progress occurred with the transfer over the holidays. There has been some discussion about a possible change in reuse for Study Area 39. Concerning the lawsuits, the Navy lawyers believe it has been thrown out of the next higher court. No new information has come out concerning the Memorandum of Agreement.

Although the FOSL for the McCoy Annex Golf Course has not been approved as yet, the Navy has licenced the City to keep it in operation as a golf course for the time being.

3) Tier II: There has not been a meeting since the Dec. 3 meeting in Orlando. Discussions have been about the organization and structure of training. Their next meeting is March 3rd and 4th in Charleston, which coincides with the Partnering Training March 2nd and 3rd.

SA's 2, 17, 36, 39 Soil Samples

Rick handed out the revised IRA Work Plans for Study Areas 17, 35 and 39/40.

SA 17: Based upon soil sample analyticals, the amount of soil to be excavated has been revised to 2,700 cubic yards. Soil will apparently need to go to disposal facility based upon contaminant levels. We need to revise the SA 17 fact sheet to incorporate correct removal amount.

SA 35: Four areas have been added to address areas that contain arsenic above residential SCTLs. The areas are areas F, G, H and I.

SA 40: They analyzed 3 additional areas to further refine the area need soil removal. They have revised the area to be excavated and have recalculated volume. The volume is approximately two thirds of what it was before.

SA 39: The area proposed for excavation is the same as it was before.

ACTION ITEM: Dave G. – Check with management about possibility of transferring contaminated soil with levels between the state's residential and industrial SCTLs to sites where there will be industrial land use controls in place (answer by January 25, 1999).

ACTION ITEM: Dave G. – Check with management about whether soil excavated that meets the applicable site SCTLs after either inadvertent or deliberate mixing in the soil pile can then be used to backfill the excavation or spread in place.

SA 54

Dave discussed the site with management concerning possible land use controls that may be required to address PAH contamination possibly related to past controlled burning practices and/or a forest fire. The conclusion was that at this point the evidence that the PAHs came from burning is not conclusive. There was a difference of opinion between Tim Bahr and Jim Crane on potential remedial requirements and land use controls. Tim Bahr was of the opinion that if it can be conclusively demonstrated that the PAHs came from a forest fire or controlled burning activities, then no remedial action or land use controls would be necessary; the current tenants would need to be notified that the PAHs exist and the potential long term health effects from exposure. Jim Crane felt that the contamination should be addressed as it is above our industrial SCTLs and that potential land use controls may be required if cleanup is only to the DEP's industrial numbers.

OU 2 FRA and FOSL

Dave revealed to team that the DEP's risk assessors had changed their position on the calculation of exposure point concentrations via the method proposed by Ted Simon, EPA. The Department's risk assessors no longer believe that method is appropriate as it is not conservative. The resulting risk appears to now be greater than 1×10^{-6} .

Dave discussed that management had made a decision that hot spots will need to be addressed. Four hot spots that exceeded the industrial SCTL by three times were identified. In all cases, the contaminants of concern in the hot spots were PAHs.

ACTION ITEM: Dave G. – Dave to call office and have OU 2 FOSL review letter faxed to the team by 1/21/99.

The team then discussed the OU 2 RI Report. Wayne noticed that there had been an error in the previous Tech Memo report. There is a lot more cover over the southern forested portion of the landfill than was previously thought. We appear to need to change the scope of the tree cutting.

Wayne has three areas that he is concerned with and need to be addressed:

- (1) There are apparently some thin areas of cover on the golf course. He feels more hand augering should be conducted to verify and delineate these areas.
- (2) Rubble piles and surface debris in the southern forested portion of the landfill.
- (3) Thin areas in the southern forested portion of the landfill. The team proposed further hand augering in the area to confirm previous results and further delineate thin areas of landfill cover. Bob suggested using a shovel instead of an auger to determine thickness of cover and so as to see strata. Hand augers are more likely to miss waste areas than a shovel.

Wayne also discussed issues that have come up in regards to the soil that is to be removed from the Main Base Golf Course. Navy is currently negotiating with the City of Orlando to receive 100,000 cubic yards of dirt from the Main Base Golf Course. This soil was originally slated for use as cover over the southern forested portion of the McCoy Annex landfill. Wayne sees four options for using this soil: (1) send it to the local landfill for daily cover, (2) give it to the City for use in the airport expansion, (3) City of Orlando could stockpile the soil and use it in the McCoy Annex golf course expansion if it happens, and (4) use it for cover for thin spots on the McCoy Annex Golf Course and the southern forested landfill area, but this most likely will not need 100,000 cubic yards.

ACTION ITEM: Steve M. – Hand auger areas on the McCoy Annex Golf Course and southern landfill unit to confirm cover thicknesses.

ACTION ITEM: Dave G. – Dave to send spreadsheet to TetraTech concerning OU 2 risk numbers.

The team adjourned for the day. The NTC Orlando RAB meeting began at 7:00 pm. Due to the time of the year, a quorum of RAB members was not present.

January 21, 1999

Developers package

The team went over the developer's package. The team has requested that a write up at the beginning of the tanks section be included explaining what is to be done at the petroleum sites, what has been done, etc.

SA 55

Rick handed out the Final Environmental Site Screening Report for SA 55. The BCT signed the report. The site is suitable for transfer as non-residential.

SA 52

Rick handed out the Environmental Site Screening Report for SA 52. Groundwater at the study area is impacted by dieldrin. Groundwater is being monitored.

OU 4 Remedial Alternatives

Mark Salvetti joined in via teleconference. He went over the remedial alternatives that are to be included in the OU 4 Feasibility Study. Seven alternatives were proposed to address VOCs in groundwater:

- 1 No Action
- 2 Limited Action
- 3 In situ chemical oxidation, natural attenuation and enhanced bioremediation
- 4 Air sparging, natural attenuation and enhanced bioremediation
- 5 Source area recirculation wells, natural attenuation and enhanced bioremediation
- 6 Groundwater extraction and treatment by air stripping
- 7 Groundwater extraction and treatment by UV oxidation.

Four alternatives were proposed for antimony in groundwater:

- 1 No Action
- 2 Limited Action
- 3 Groundwater extraction and discharge to POTW
- 4 Groundwater extraction, treatment and discharge to lake via NPDES

OU 3 Feasibility Study

The OU 3 FS was not discussed as comments have not been received. The team received a handout of Preliminary Remedy Selection at Operable Unit 3. Team discussed some of the remedial alternatives at SA 8 and SA 9 for both groundwater and soil.

Training

Steve led training exercise titled "Let me in!" and the "Human Knot." Team as usual performed superbly and made it through the exercises very quickly.

Critique, Agenda, Close-Out

POSITIVES (+)

- Bob kept things moving
- Training
- Good agenda management, revisited/rework agenda often
- OU 4 conference call
- Accomplished something while waiting for late team member
- Food
- Had same facilitator again

DELTAS (Δ)

- Too hot in room
- Too much fog
- Lateness
- Leaving early

Future Meeting Schedule

March 17 and 18, 1999 - Orlando

April 21 and 22, 1999 - Oak Ridge w/ Tallahassee backup

May 19 and 20, 1999 - Orlando

OPT AGENDA
February 17-18, 1999
Charleston, S.C.

TEAM ASSIGNMENTS

Team Leader: Dave Grabka
Recorder: Wayne Hansel
Gate/Timekeeper: Steve McCoy
Facilitator: Steve Goldfarb
Tier II Link: John Kaiser

SUPPORT

Barbara Nwokike (SDIV)
Nick Ugolini (SDIV)

EXPECTED GUESTS

Mark Salvetti (HLA)

<u>Time</u>	<u>Subject</u>	<u>Objective</u>	<u>Lead</u>
February 17			
0800	Check-In, Act Item Review	Administration	DG
0900	UST/IR/Transfer Updates	Information transfer	RA/WH
	Tier II Updates	Information transfer	JK
1000	BREAK		
1015	OU 2	Resolution/Decision/ Information Transfer	SM/BC/DG/WH
1145	LUNCH		SM
1300	OU 4	Resolution/Decision	RA
1400	Training		SG
1445	BREAK		
1500	SA 2, 36, 52 and 54	Information Transfer and Update	RA
1600	OU 3 FS	Comments/resolution	RA
1700	Adjourn		
February 17			
0800	Naval Detachment Dig/Haul	Scope and Workplan review	BN
0900	OU-1 GW Monitoring Rpt	Information transfer	Shipyards Detachment
0930	Monitoring Well Closure	Resolution/Decision	RA
1000	BREAK		
1015	SA 52	Decision on monitoring plan	RA
1045	BRAC Cleanup Plan	Resolution/Decision/ Information Transfer	WH/NR
1145	LUNCH		
1300	2000-2001 Execution Plan	Information transfer	BN
1315	Remedial Options	Resolution	RA
	OU3/SA2		
1415	Institutional Controls	Discussion	DG
1515	BREAK		
1530	Close-out, Agenda, Critique	Administrative	DG
1630	Adjourn		

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